

L Number	Hits	Search Text	DB	Time stamp
1	363	hook-james\$.xa.	USPAT; US-PGPUB	2004/01/20 17:36
2	404	hook-james\$.xp.	USPAT; US-PGPUB	2004/01/20 17:36
3	767	hook-james\$.xa. or hook-james\$.xp.	USPAT; US-PGPUB	2004/01/20 17:36
4	47	(hook-james\$.xa. or hook-james\$.xp.) and coiled	USPAT; US-PGPUB	2004/01/20 17:38
5	13	("0338815" "2122335" "2136230" "2139888" "2621075" "3487858" "3794079" "3872881" "3907002" "4624472" "4634151" "4865081" "5346290").PN.	USPAT	2004/01/20 17:37
6	3	((("3245431") or ("3977440") or ("6071579"))).PN.	USPAT; US-PGPUB	2004/01/20 17:45
7	8	("3601524" "3814138" "4308896" "4717326" "4998565" "5038833" "5076329" "5225482").PN.	USPAT	2004/01/20 17:39
8	4	("2151307" "2888954" "3242691" "3245431").PN.	USPAT	2004/01/20 17:40
9	17	3977440.URPN.	USPAT	2004/01/20 17:40
10	6	("3245431" "3540486" "3977440" "4009734" "4196464" "5024468").PN.	USPAT	2004/01/20 17:42
11	20	3245431.URPN.	USPAT	2004/01/20 17:43
12	2881	((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.	USPAT; US-PGPUB	2004/01/20 17:45
13	473908	nylon or polyamide or pa	USPAT; US-PGPUB	2004/01/20 17:46
14	137592	polyurethane or pu	USPAT; US-PGPUB	2004/01/20 17:46
15	461886	coiled or coil or spiral	USPAT; US-PGPUB	2004/01/20 17:46
16	542327	(coiled or coil or spiral) or helical	USPAT; US-PGPUB	2004/01/20 17:46
17	20864	polyester with fiber	USPAT; US-PGPUB	2004/01/20 17:46
18	59536	polyether	USPAT; US-PGPUB	2004/01/20 17:46
19	197074	polyester	USPAT; US-PGPUB	2004/01/20 17:47
20	13116	polyether with (polyurethane or pu)	USPAT; US-PGPUB	2004/01/20 17:47
21	33401	polyester with (polyurethane or pu)	USPAT; US-PGPUB	2004/01/20 17:47
22	123596	brake	USPAT; US-PGPUB	2004/01/20 17:47
23	131087	hardness	USPAT; US-PGPUB	2004/01/20 17:47
24	1477	((coiled or coil or spiral) or helical) and (polyether with (polyurethane or pu))	USPAT; US-PGPUB	2004/01/20 17:47
25	3961	((coiled or coil or spiral) or helical) and (polyester with (polyurethane or pu))	USPAT; US-PGPUB	2004/01/20 17:48
26	1026	((coiled or coil or spiral) or helical) and (polyether with (polyurethane or pu))) and (nylon or polyamide or pa)	USPAT; US-PGPUB	2004/01/20 17:48
27	2822	((coiled or coil or spiral) or helical) and (polyester with (polyurethane or pu))) and (nylon or polyamide or pa)	USPAT; US-PGPUB	2004/01/20 17:48
30	1025378	hose or tube or conduit or pipe	USPAT; US-PGPUB	2004/01/20 17:48
31	530	((coiled or coil or spiral) or helical) and (polyether with (polyurethane or pu))) and (nylon or polyamide or pa)) and (hose or tube or conduit or pipe)	USPAT; US-PGPUB	2004/01/20 17:49
32	1474	((coiled or coil or spiral) or helical) and (polyester with (polyurethane or pu))) and (nylon or polyamide or pa)) and (hose or tube or conduit or pipe)	USPAT; US-PGPUB	2004/01/20 17:49

34	232	((((coiled or coil or spiral) or helical) and (polyester with (polyurethane or pu))) and (nylon or polyamide or pa)) and (hose or tube or conduit or pipe)) and (polyester with fiber)	USPAT; US-PGPUB	2004/01/20 17:49
33	71	((((coiled or coil or spiral) or helical) and (polyether with (polyurethane or pu))) and (nylon or polyamide or pa)) and (hose or tube or conduit or pipe)) and (polyester with fiber)	USPAT; US-PGPUB	2004/01/20 17:55
28	19	(((coiled or coil or spiral) or helical) and (polyether with (polyurethane or pu))) and (nylon or polyamide or pa)) and brake	USPAT; US-PGPUB	2004/01/20 17:57
29	42	(((coiled or coil or spiral) or helical) and (polyester with (polyurethane or pu))) and (nylon or polyamide or pa)) and brake	USPAT; US-PGPUB	2004/01/20 18:01
35	1047	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)	USPAT; US-PGPUB	2004/01/20 18:01
36	446	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)	USPAT; US-PGPUB	2004/01/20 18:01
37	185	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and polyether	USPAT; US-PGPUB	2004/01/20 18:01
40	597	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and ((coiled or coil or spiral) or helical)	USPAT; US-PGPUB	2004/01/20 18:02
41	185	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with fiber)	USPAT; US-PGPUB	2004/01/20 18:02
43	317	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and hardness	USPAT; US-PGPUB	2004/01/20 18:02
44	120	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and hardness) and (polyurethane or pu)	USPAT; US-PGPUB	2004/01/20 18:02
45	4196	(polyurethane or pu) with hardness	USPAT; US-PGPUB	2004/01/20 18:02
46	20	((polyurethane or pu) with hardness) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.)	USPAT; US-PGPUB	2004/01/20 18:02
42	143	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and brake	USPAT; US-PGPUB	2004/01/20 18:05
38	45	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))	USPAT; US-PGPUB	2004/01/20 18:12
39	129	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))	USPAT; US-PGPUB	2004/01/20 18:16
47	141	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))	USPAT; US-PGPUB	2004/01/20 18:16
48	305	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)) not (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))))	USPAT; US-PGPUB	2004/01/20 18:17
49	304	((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu))	USPAT; US-PGPUB	2004/01/20 18:21
50	339	(((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)))	USPAT; US-PGPUB	2004/01/20 18:22

58	397	(((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) not (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and ((coiled or coil or spiral) or helical)) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with fiber)) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)) not (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and brake) or (((polyurethane or pu) with hardness) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))))	USPAT; US-PGPUB	2004/01/20 18:35
59	1448	(((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and ((coiled or coil or spiral) or helical)) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with fiber)) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)) not (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and brake) or (((polyurethane or pu) with hardness) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))))	USPAT; US-PGPUB	2004/01/20 18:35

60	1433	(((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) not (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and ((coiled or coil or spiral) or helical)) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with fiber)) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)) not (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu)))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (nylon or polyamide or pa)) and (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyurethane or pu)))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and brake) or (((polyurethane or pu) with hardness) and (((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyether with (polyurethane or pu))) or (((((138/125) or (138/137) or (138/141) or (428/36.91)).CCLS.) and (polyester with (polyurethane or pu))))))	USPAT; US-PGPUB	2004/01/20 18:35
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23	US 4424834 A	138/121	138/137; 428/217; 428/36.6; 428/36.7; 428/424.6; 428/476.9; 428/483; 428/542.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24	US 4303457 A	156/149	138/123; 138/125; 138/137; 138/26; 156/244.13; 174/102SC; 361/215	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25	US 3988188 A	156/143	138/125; 138/126; 138/129; 138/132; 138/144; 156/149; 156/172; 156/195; 156/244.17; 156/307.1; 156/308.6; 427/501; 522/110; 522/137; 522/142	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26	US 6670004 B1	428/35.7	138/125; 138/137; 138/140; 138/141; 138/DIG.7; 428/36.91; 428/474.9; 428/476.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	US 6071579 A	428/36.3	138/125; 138/126; 138/137; 138/141; 428/36.91	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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28	US 6066377 A	428/36.3	138/125; 138/126; 138/137; 138/141; 428/36.91	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	US 5908090 A	188/71.1	138/125; 138/DIG.3; 248/60	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	US 5526848 A	138/125	138/141; 138/153; 138/DIG.1; 138/DIG.7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	US 4617213 A	138/141	138/126; 138/153; 138/172; 428/36.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	US 3884269 A	138/137		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
33	US 3828112 A	174/47	138/125; 138/126; 138/127; 138/137; 138/177; 174/106SC; 361/215	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	US 5971034 A	138/149	138/141; 138/DIG.9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	US 5964409 A	239/154	138/125	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	US 200100081 50 A1	138/125	138/137; 138/140	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37	US 6397894 B2	138/125	138/137; 138/140; 138/141	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 5918640 A	138/109	138/110; 138/115; 138/116; 138/126; 138/137	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	US 5346290 A	303/7	138/109; 138/118; 285/206	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	US 4624472 A	280/420	138/115; 174/47; 439/310; 439/34; 439/347; 439/701	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	US 3487858 A	138/118	138/178	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	US 2139888 A	138/115	174/117R; 174/15.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	US 2136230 A	138/111	138/137	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	US 4308896 A	138/126	138/125; 156/187; 156/191; 428/36.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	US 6341625 B1	138/109	138/125; 138/126; 138/127; 138/146; 138/DIG.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	US 6302151 B1	138/125	138/137; 138/141; 138/153; 138/DIG.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	US 6209800 B1	239/195	239/525	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	US 6098666 A	138/115	138/118	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	US 5622210 A	138/104	138/123; 138/125; 138/127; 138/137; 138/140	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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13	US 5232645 A	264/103	138/125; 264/171.2; 264/171.23; 264/209.3; 264/230; 264/281; 264/339	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	US 4009734 A	138/125	138/118; 138/177; 138/DIG.7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	US 4759388 A	138/130	138/126; 138/137; 138/174	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	US 4802510 A	138/125	138/153	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	US 200301458 96 A1	138/125	138/137; 138/141	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	US 4306591 A	138/125	138/124; 138/126; 138/DIG.1; 138/DIG.7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	US 3722550 A	138/137	138/141; 156/309.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	US 5538513 A	604/527	138/124	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	US 5474109 A	138/137	138/141	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22	US 5052444 A	138/125	138/103; 138/124; 138/128; 138/129; 138/132; 138/137; 138/174; 174/47; 361/215	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>